



Energy Procurement
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September 9, 2015

Ms. Michele Dermer
EPA Region 9, WTR-9
75 Hawthorne St.
San Francisco, CA 94105

**Subject: Bottomhole Pressure and Temperature Survey (BHP&T) Conducted on August 13, 2015
PG&E Test Injection/Withdrawal Well 1
Permit No. R9UIC-CA5-FY13-1
King Island, San Joaquin County, California**

Dear Ms. Dermer:

EPA provided a modification to Permit No. R9UIC-CA5-FY13-1 in a PDF file attached to an email addressed to PG&E and dated August 28, 2015. The modification is to Permit Appendix H (Operations, Testing and Monitoring Plans), which includes Attachment P from the UIC Permit Application, dated April 18, 2014. The modified Permit language is in Section P.5 of Attachment P and is presented below (modified permit language is underlined):

The following parameters for the Injection/Withdrawal well will be recorded daily and reported to EPA in monthly reports until the compression test is completed, and will be continued for approximately six to nine months after the completion of the compression test, unless EPA determines that a longer monitoring period is required based on the final measurements at the end of the post-test monitoring period:

- *Injection pressure, bottomhole pressure, temperature, flow rate, oxygen content, and total injected volume (beginning in August 2015, bottomhole pressure may be monitored and reported monthly).*

In accordance with the modified Permit requirements, bottomhole pressure (BHP) surveys in the Injection/Withdrawal (I/W) well will be conducted, and the data reported, on a monthly basis for a minimum period of 6 months following the end of the compression test on June 4, 2015.

A bottomhole pressure and temperature (BHP&T) survey was conducted in the I/W well on August 13, 2015. A hard copy of the survey data is enclosed and digital files (PDF and Excel) of the survey data are provided on the enclosed data CD. The data for the September 2015 BHP&T survey will be provided with the 3rd Quarter 2015

Report, due to EPA by October 28, 2015. The data for the October and November 2015 BHP&T surveys will be provided as separate monthly submittals within 30 days of each survey.

If you have any questions regarding the enclosed BHP&T survey, or require additional information, please feel free to contact me at (415) 973-6270.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike Medeiros". The signature is stylized with a large initial "M" and a cursive script.

Mike Medeiros
Manager, Renewable Energy Development

Cc: Mr. James Walker, EPA Consultant
Mr. Michael Woods, Division of Oil, Gas and Geothermal Resources
Ms. Anne L. Olson, Central Valley Regional Water Quality Control Board

Enclosures: Data CD Including:

Attachment 1 – I/W well BHP&T survey conducted on August 13, 2015 (PDF and Excel files)